

Visualization using Shiny R

Options to see data sets and summary of the datasets used

Delta prediction

Dashboard

Models new

Choose a dataset:

SSP500 Index

Brent Oil
Jet Fuel
delta
SSP500 Index

Workdataset

Class :character	1st Qu.:1241.6	1st Qu.:1251.1	1st Qu.:1227.7
Mode :character	Median :1443.7	Median :1450.2	Median :1433.2
	Mean :1542.1	Mean :1551.1	Mean :1532.4
	3rd Qu.:1949.4	3rd Qu.:1962.0	3rd Qu.:1938.8
	Max. :2394.8	Max. :2401.0	Max. :2386.8
Close	Volume	Adj.Close	
Min. : 676.5	Min. :5.362e+08	Min. : 676.5	
1st Qu.:1240.5	1st Qu.:3.287e+09	1st Qu.:1240.5	
Median :1443.8	Median :3.780e+09	Median :1443.8	
Mean :1542.4	Mean :4.026e+09	Mean :1542.4	
3rd Qu.:1950.8	3rd Qu.:4.509e+09	3rd Qu.:1950.8	
Max. :2396.0	Max. :1.146e+10	Max. :2396.0	

Table view

	Date	Open	High	Low	Close
1	2017-05-02	2391.050049	2392.929932	2385.820068	2391.169922
2	2017-05-01	2388.500000	2394.489990	2384.830078	2388.330078
3	2017-04-28	2393.679932	2393.679932	2382.360107	2384.199951
4	2017-04-27	2389.699951	2392.100098	2382.679932	2388.770020
5	2017-04-26	2388.979980	2398.159912	2386.780029	2387.449951
6	2017-04-25	2381.510010	2392.479980	2381.149902	2388.610107
7	2017-04-24	2370.330078	2376.979980	2369.189941	2374.149902
8	2017-04-21	2354.739990	2356.179932	2344.510010	2348.689941
9	2017-04-20	2342.689941	2361.370117	2340.909912	2355.840088
10	2017-04-19	2346.790039	2352.629883	2335.050049	2338.169922

Delta prediction

Dashboard

Models new

Choose a dataset:

Jet Fuel

Number of observations to view:

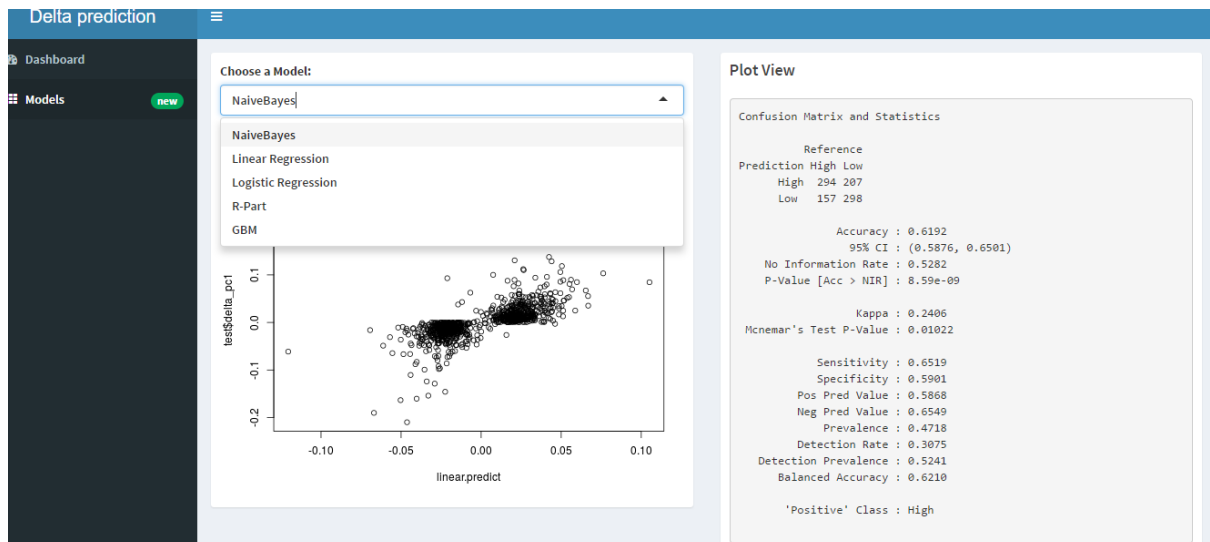
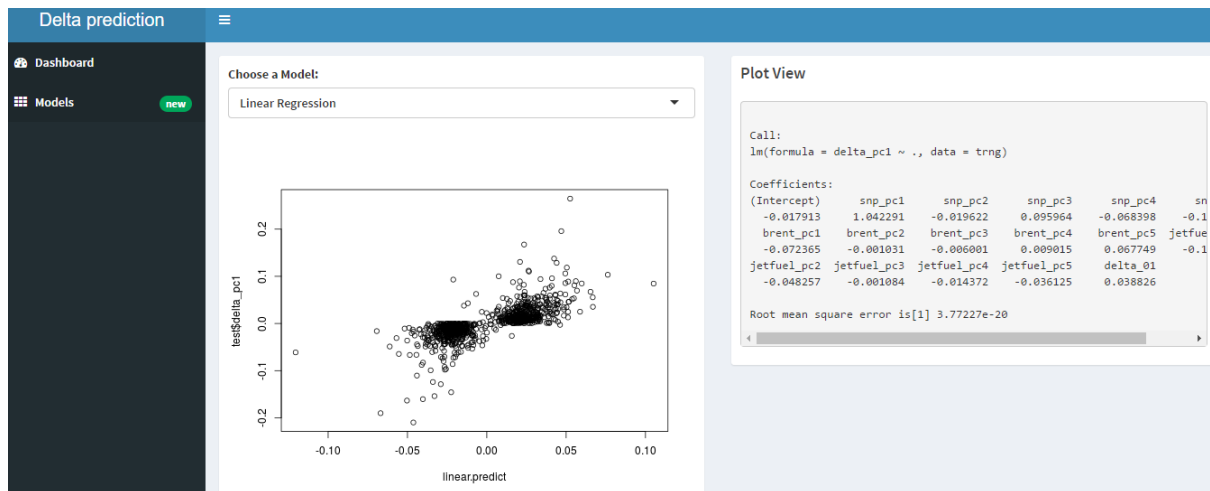
11

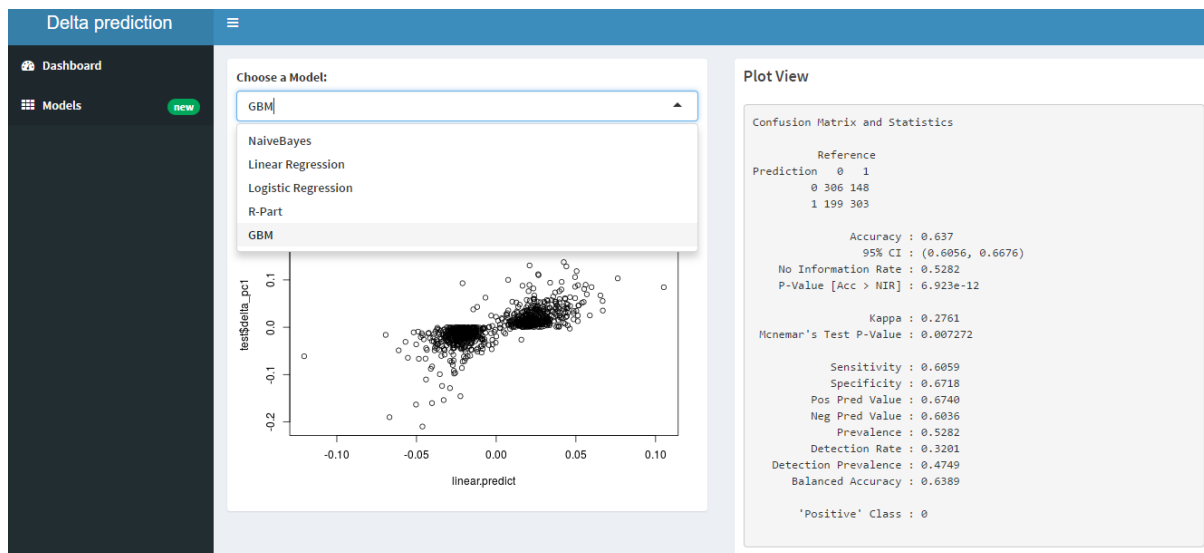
DATE	VALUE
Length:2626	Min. :0.804
Class :character	1st Qu.:1.655
Mode :character	Median :2.317
	Mean :2.324
	3rd Qu.:2.940
	Max. :4.814
	NA's :91

Table view

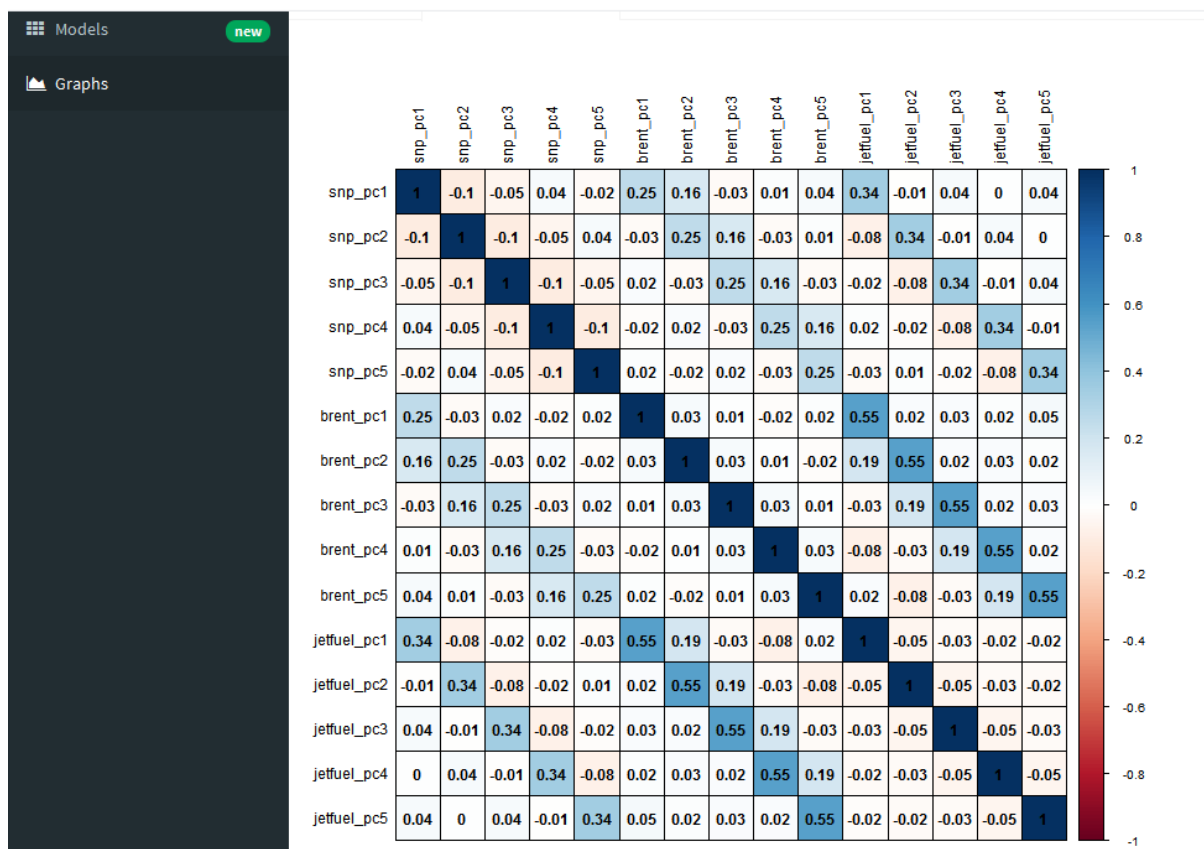
	DATE	VALUE
1	2007-04-02	2.008000
2	2007-04-03	1.983000
3	2007-04-04	2.031000
4	2007-04-05	2.030000
5	2007-04-06	NA
6	2007-04-09	1.995000
7	2007-04-10	2.031000
8	2007-04-11	2.064000
9	2007-04-12	2.103000
10	2007-04-13	2.088000
11	2007-04-16	2.056000

Options to see models and their output





I am continuing working on it to make it more interactive and adding more features like the correlation matrix between variables which we transformed from our base data.



Thanks,
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